

Census Scientific Advisory Committee (CSAC)

2022 Spring Virtual Meeting

Minutes of March 17-18, 2022

Day 1 – (11:00am – 3:20pm)

Day 2 – (11:00am – 5:00pm)

Advisory Committee Members:

Name	Email	Committee	Location	Attendance
Census Scientific Advisory Committee				12
Deborah Balk	Deborah.Balk@baruch.cuny.edu	CSAC	Virtual	<input checked="" type="checkbox"/>
Frank Jay Breidt	jbreidt@gmail.com	CSAC	Virtual	<input checked="" type="checkbox"/>
Thomas Brunell	tbrunell@gmail.com	CSAC	Virtual	<input checked="" type="checkbox"/>
William Clark	wac34@PSU.edu	CSAC	Virtual	<input checked="" type="checkbox"/>
Jessica McKellar	jesstess@pilot.com	CSAC	Virtual	<input checked="" type="checkbox"/>
Kunal Talwar	kunal@kunalatalwar.org	CSAC	Virtual	<input checked="" type="checkbox"/>
Mario Marazzi	marazzi.m@gmail.com	CSAC	Virtual	<input type="checkbox"/>
Richelle Winkler	rwinkler@mtu.edu	CSAC	Virtual	<input checked="" type="checkbox"/>
John Czajka	jczejka@mathematica-mpr.com	CSAC	Virtual	<input checked="" type="checkbox"/>
Kristin Anderson Moore	kmoore@childtrends.org	CSAC	Virtual	<input checked="" type="checkbox"/>
Barbara Entwisle	entwisle@unc.edu	CSAC	Virtual	<input checked="" type="checkbox"/>
Lance Waller	lwaller@emory.edu	CSAC	Virtual	<input checked="" type="checkbox"/>
Lester Mackey	lmackey@microsoft.com	CSAC	Virtual	<input checked="" type="checkbox"/>

Presenters and SMEs: Tommy Wright, Designated Federal Officer, CSAC

F. Jay, Chair of CSAC

Robert Santos, Director, Census Bureau

Richelle Winkler, CSAC Member

Michael Hawes

Jason Devine

Matthew Spence

Cynthia Hollingsworth

Nicholas Jones

Alexandra Krause

Rachel Marks

Samuel Haney

William Sexton

Scott Holan

Timothy Kennel

Judy Belton

Patrick Cantwell

William Bell

Tucker McElroy

Charles Hokayem

Jonathan Rothaum

Matthew Unrath
Jessica Semega

Advisory Committee Branch:

Kimberly Leonard
Shana Banks
Antonio “Tony” Ellis
Helen Abraham

Call to Order: The meeting was called to order at 11:00 AM by Tommy Wright, Designated Federal Officer for CSAC.

Topics Discussed:

- **Census Bureau Modernization and Transformation Activities**
 - This topic provided an overview of how the Census Bureau will advance towards a culture that embraces diversity, equity, and inclusion to help spur opportunity, innovation, and excellence. This will be done by reaching new end users, providing more timely and relevant data products, using new techniques to produce new products without increasing burden, and aligning tools, processes, and products towards the Census Bureau’s vision for the future.
 - Census Bureau received 2 recommendations on this topic.
- **Differential Privacy Working Group Deliverable**
 - This topic provided developing strategies for communicating the use of differential privacy for the 2020 Census data products.
 - The Census Bureau received 18 recommendations on this topic.
- **Demographic Profile and Demographic and Housing Characteristics File (DHC)**
 - This topic provided an update on the current production schedule and proposed content for the Demographic Profile and DHC file. Discussion took place on recent efforts and challenges relating to tuning the 2020 Census Disclosure Avoidance System for the DHC.
 - Census Bureau received 7 recommendations on this topic.
- **Detailed Demographic and Housing Characteristics File (Detailed DHC)**
 - This topic provided an update on the proposed content planned for the Detailed DHC along with an overview of the differential private algorithms and post-processing modeling that will be used to generate the Detailed DHC data.
 - Census Bureau received 4 recommendations on this topic.
- **Update on the 2020 Post-Enumeration Survey (PES)**
 - This topic provided updates on PES, including: 1) status of final field and matching operations, 2) schedule of dates for release of data products, 3) brief description of important tables for release, and 4) update on 2020 Census Quality.
 - Census Bureau received 6 recommendations on this topic.
- **Seasonal Adjustment of Time Series during the Pandemic**
 - The pandemic created unusual patterns in many of the Census Bureau’s regularly released time series. Mathematical statisticians who developed software for doing seasonal adjustment explained how the software was used to process series during the pandemic. They’ve all discussed potential enhancements that could improve the process.
 - Census Bureau received 4 recommendations.
- **Impact of Alternative Inflation Adjustments on Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC) Income Statistics**
 - This topic provided feedback on Census Bureau changing the inflation factor used to inflation-adjust income, earnings, and housing data in our major surveys.
 - Census Bureau received 3 recommendations.

AGENDA: See below

Action Items / Information Requests / Follow up:

- The CSAC would like to receive presentation material well in advance of meetings, preferably two weeks prior to CSAC meetings.
- The CSAC would like clearer communication within presentations, preferably by minimizing the use of acronyms, defining any essential acronym on first use, and providing an updated acronym list before each CSAC meeting. Further, CSAC would like to see figures and tables understandable from slides alone, with fully identified content and sufficient details in labels and texts. Links to relevant documents might be included in the slides to facilitate CSAC access to information.
- The CSAC would like to be updated, preferably a one-way briefing or at the next CSAC meeting, on the Bureau's plans for improved population estimates.
- The CSAC would like a one-way briefing on the Census Bureau plan for the further expansion of the Post-Secondary Employment Outcomes program beyond its current coverage in states (n=17) and their institutions of higher education.
- The CSAC would like a one-way briefing from the Census Bureau presenting DHC results of the reidentification and reconstruction exercise. This is so CSAC could better understand the methods and results.
- The CSAC would like one-way briefings relating to the choices of Margins of Error (MOEs) and levels of geography in the context of specific categories of use cases.
- The CSAC would like a one-way briefing on plans for incorporating adaptivity into the disclosure avoidance system and its implications for anticipated data product releases and timelines.

Adjournment: The meeting was adjourned on March 17, 2022, at 3:20 PM by Tommy Wright, Designated Federal Officer of CSAC. Committee deliberations continued offline until 5:00 PM. On March 18, 2022, the committee deliberated from 2:15 PM to 4:30 PM to discuss and develop recommendations. The meeting reconvened in which the CSAC 2022 Spring Virtual Meeting recommendations were presented at 4:30 PM. The meeting was adjourned at 5:00 PM by Tommy Wright, Designated Federal Officer of CSAC.

MEETING AGENDA

Census Scientific Advisory Committee – 2022 Spring Virtual Meeting

U.S. Census Bureau

March 17 - 18, 2022

11:00am – 5:00pm ET

Teleconference Number: 1-888-324-9604

Passcode: 1371858; Password: Census#1

WebEx Links: Day 1 - ([Click Here](#))

Day 2 – ([Click Here](#))

Closed Captioning Link: ([Click Here](#))

Thursday, March 17, 2022

Location: Virtual Meeting

- | | |
|-----------------|---|
| 11:00 AM | <i>Opening Remarks</i>
Tommy Wright, Designated Federal Officer, Census Scientific Advisory Committee
<i>Chair Remarks</i>
F. Jay Breidt, Chair, Census Scientific Advisory Committee
<i>Executive Remarks</i>
Robert L. Santos, Director, U.S. Census Bureau |
| 11:45 AM | <i>Census Bureau Modernization and Transformation Activities</i>
Presenter: Robert L. Santos, Director, U.S. Census Bureau
Committee Discussion |
| 12:45 PM | <i>Differential Privacy Working Group Deliverable - Task 4</i>
Working Group Deliverable: Richelle Winkler, CSAC Member
Committee Discussion |
| 1:10 PM | <i>*BREAK*</i> |
| 1:20 PM | <i>Demographic Profile and Demographic and Housing Characteristics File (DHC)</i>
Presenters: Michael Hawes, Research and Methodology Directorate
Jason Devine, Population Division
Matthew Spence, Population Division
CSAC Discussant: Barbara Entwisle and Committee Discussion |

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Thursday, March 17, 2022 (Cont'd)

Location: Virtual Meeting

- 2:10 PM** ***Detailed Demographic and Housing Characteristics File (Detailed DHC)***
Presenters: Nicholas Jones, Population Division
Alexandra Krause, Population Division
Rachel Marks, Population Division
Samuel Haney, Office of the Deputy Director
Scott Holan, Research and Methodology Directorate
CSAC Discussant: Lance Waller and Committee Discussion
- 3:20 PM** ****BREAK****
- 3:30 PM** ***CSAC Committee Discussion and Formulation of Recommendations***
Moderator: F. Jay Breidt, Chair, Census Scientific Advisory Committee
- 5:00 PM** ***Meeting Adjourned***
Tommy Wright, Designated Federal Officer

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Location: Virtual Meeting

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|-----------------|---|
| 11:00 AM | <i>Opening Remarks</i>
Tommy Wright, Designated Federal Officer, Census Scientific Advisory Committee
<i>Chair Remarks</i>
F. Jay Breidt, Chair, Census Scientific Advisory Committee |
| 11:10 AM | <i>Update on the 2020 Post-Enumeration Survey (PES)</i>
Presenter: Timothy Kennel, Decennial Statistical Studies Division
CSAC Discussant: John Czajka and Committee Discussion |
| 12:15 PM | <i>*BREAK*</i> |
| 12:25 PM | <i>Seasonal Adjustment of Time Series during the Pandemic</i>
Presenters: William Bell, Research and Methodology Directorate
Tucker McElroy, Research and Methodology Directorate
CSAC Discussant: Lester Mackey and Committee Discussion |
| 1:05 PM | <i>*PUBLIC COMMENTS*</i> |
| 1:25 PM | <i>Impact of Alternative Inflation Adjustments on Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC) Income Statistics</i>
Presenter: Charles Hokayem, Social, Economic and Housing Statistics Division
CSAC Discussant: Jessica McKellar and Committee Discussion |
| 2:05 PM | <i>*BREAK*</i> |
| 2:15 PM | <i>CSAC Committee Discussion and Formulation of Recommendations</i>
Moderator: F. Jay Breidt, Chair, Census Scientific Advisory Committee |

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Friday, March 18, 2022 (Cont'd)

Location: Virtual Meeting

4:30 PM

Presentation of 2022 CSAC Spring Virtual Meeting Recommendations

Presenter: F. Jay Breidt, Chair, Census Scientific Advisory Committee

5:00 PM

Meeting Adjourned

Tommy Wright, Designated Federal Officer